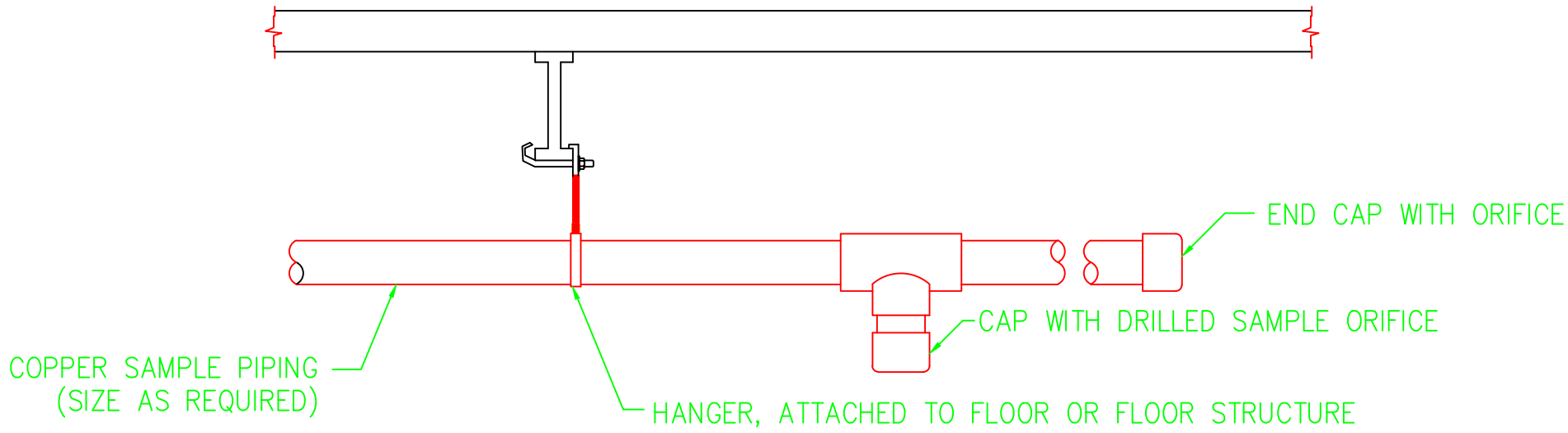


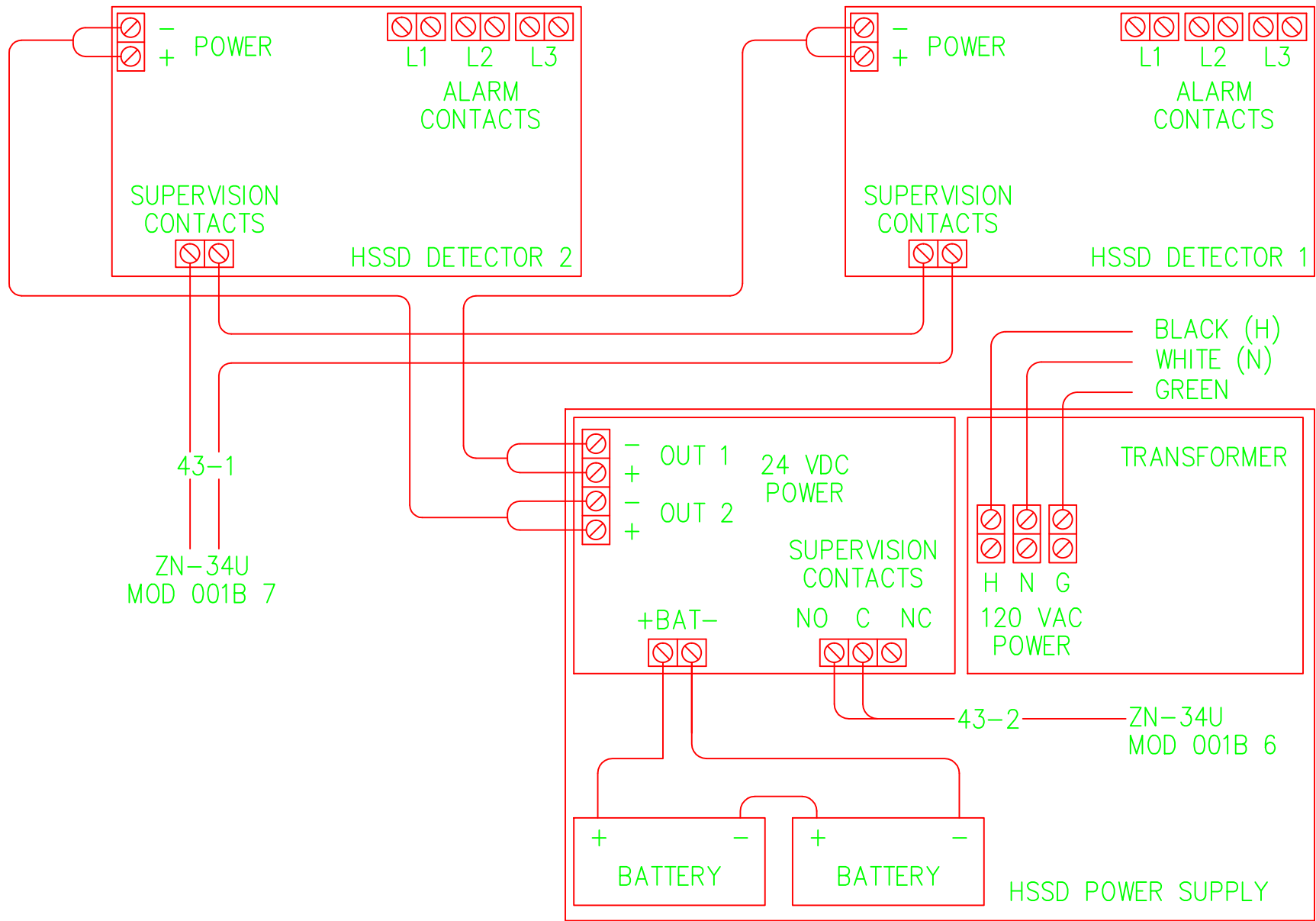
HSSD FIRE DETECTION SYSTEM ISOMETRIC DIAGRAMS  
NOT TO SCALE

NOTES:

- 1) SUPPORT HSSD SAMPLE PIPING USING CLAMPS ANCHORED TO THE ROOF SYSTEM BEAMS AND IN ACCORDANCE WITH THE MANUFACTURER’S REQUIREMENTS. SPATIAL SPAN BETWEEN HANGERS SHALL NOT EXCEED 10’-0” ON CENTER.
- 2) HSSD SAMPLE PIPING SHALL BE PROVIDED FOR THE ENCLOSURE AND FOR EACH LEVEL WITHIN THE SPACE (AS A SEPARATE SYSTEM FROM THAT PROTECTING THE ENCLOSURE).
- 3) EACH HSSD DETECTOR SHALL BE MOUNTED WITH THE TOP OF THE DETECTOR AT 5’-0” AFF IN THE MAIN LEVEL.
- 4) OPERATION OF A LEVEL 1 OR LEVEL 2 ALARM FOR EITHER DETECTOR SHALL BE ANNUNCIATED AT THE DISPLAY LOCATED AT THE MAIN LEVEL. OPERATION OF A LEVEL 1 ALARM FOR THE HSSD SYSTEM PROTECTING THE ENCLOSURE SHALL RESULT IN THE OPERATION OF A YELLOW STROBE AND PULSING HORN. OPERATION OF A LEVEL 2 ALARM FOR THE HSSD SYSTEM PROTECTING THE ENCLOSURE SHALL RESULT IN THE OPERATION OF A BLUE STROBE AND STEADY HORN. OPERATION OF A LEVEL 3 ALARM FOR THE FOR THE HSSD SYSTEM PROTECTING THE ENCLOSURE SHALL OPERATE THE EMERGENCY POWER OFF TO THE ENCLOSURE. OPERATION OF A LEVEL 3 ALARM FOR THE FOR THE HSSD SYSTEM PROTECTING THE ENCLOSURE AND THE SPOT DETECTOR SHALL OPERATE THE FIRE SPRINKLER PREACTION VALVE. OPERATION OF A LEVEL 3 ALARM FOR ANY HSSD DETECTOR SHALL RESULT IN OPERATION OF THE BUILDING’S FIRE ALARM SYSTEM.



HSSD FIRE DETECTION SYSTEM TYPICAL SUPPORT  
NOT TO SCALE



TYPICAL HSSD POWER AND DETECTOR SUPERVISION  
NOT TO SCALE

LEGEND

- FACP EXISTING FIRE ALARM CONTROL PANEL
- EXISTING SMOKE DETECTOR
- NEW SMOKE DETECTOR
- HSSD NEW HSSD DETECTOR
- PWR NEW POWER SUPPLY
- DISP NEW HSSD ALARM DISPLAY
- WF PRESSURE OPER WATERFLOW SWITCH
- VS VALVE POSITION SUPERVISORY SWITCH
- PS SPRINKLER LOW AIR SUPERVISION
- A EPO ABORT (ENCLOSURE)
- L1 HSSD LEVEL 1 ALARM (ENCLOSURE)
- L2 HSSD LEVEL 2 ALARM (ENCLOSURE)
- B NEW BELL/STROBE
- S NEW STROBE
- B EXISTING BELL
- RACEWAY JUNCTION BOX
- EXISTING FIRE ALARM CONDUIT
- NEW 3/4 INCH FIRE ALARM CONDUIT
- HSSD SAMPLE ORIFACE
- HSSD SAMPLE PIPE

KEYPLAN–BLDG 72A FLOOR PLAN

